





# WBCCS 2022



**MATHS**

# PARTNERSHIP PART-1



**LIVE**  **11:30 AM**  **17 MAY 2022**

# CONCEPT OF PARTNERSHIP

$$\text{INVESTMENT RATIO} * \text{TIME RATIO} = \text{PROFIT RATIO}$$

**TIME = 12 MONTHS**

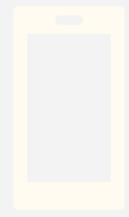
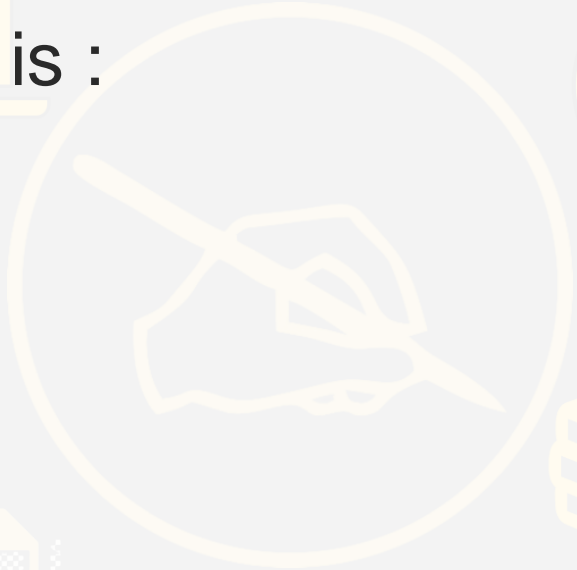


**Q.** A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is :



**Q.** A, B and C enter into a partnership and their shares are in the ratio  $1/2 : 1/3 : 1/4$ . After 2 months, A withdraws half of his capital and after 10 months, a profit of Rs. 378 is divided among them. What is B's share ?

**Q.** A, B, C started a business with their investments in the ratio 1:3 :5. After 4 months, A invested the same amount as before and B as well as C withdrew half of their investments. The ratio of their profits at the end of the year is :



**Q.** A began a business with Rs. 85,000. He was joined afterwards by B with Ks. 42,500. For how much period does B join, if the profits at the end of the year are divided in the ratio of 3 : 1 ?



**Q.** A and B are partners in a business. A contributes  $\frac{1}{4}$  of the capital for 15 months and B received  $\frac{2}{3}$  of the profit. For how long B's money was used ?





**Q.** A, B and C enter into a partnership with a capital in which A's contribution is Rs. 10,000. If out of a total profit of Rs. 1000, A gets Rs. 500 and B gets Rs. 300, then C's capital is :

**Q.** A and B started a business jointly A's investment was thrice the investment of B and the period of his investment was two times the period of investment of B. If B received Rs. 4000 as profit, then their total profit is :

